

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### **Identified uses**

SU 12 - Manufacture of plastics products, including compounding and conversion.

### 1.3. Details of the supplier of the safety data sheet

Name:	KRAIBURG TPE GmbH & Co. KG
Address:	Friedrich-Schmidt-Str. 2
	D-84478 Waldkraiburg
Information contact:	+49 (8638) 9810 0
E-Mail (competent person):	regulatory@kraiburg-tpe.com

### 1.4. Emergency telephone number

Emergency advice	+49 (8638) 9810 0
	This number is only available at office times.

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### **Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]**

#### **Additional hints**

This mixture is not classified as hazardous according to Regulation (EC) 1272/2008 [GHS].

### 2.2. Label elements

#### **Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]**

No information available.

### 2.3. Other hazards

#### **Adverse human health effects and symptoms**

No information available.

## SECTION 3: Composition/ information on ingredients

### 3.2. Mixtures

CAS No.	EG No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
68610-51-5	271-867-2	Phenol, 4-Methyl-, Reaction Products with Dicyclopentadiene and Isobutylene	0,1 – < 0,5	Repr. 2, H361d / Aquatic Chronic 4, H413

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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### **General Information**

In the event of persistent symptoms receive medical treatment.  
Take away from danger area and lay down affected person.

#### **In case of inhalation**

Ensure of fresh air.  
In the event of symptoms refer for medical treatment.

#### **In case of skin contact**

In case of contact with skin wash off immediately with soap and water.

#### **In case of eye contact**

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

#### **In case of ingestion**

Rinse out mouth thoroughly with water.

### 4.2. Most important symptoms and effects, both acute and delayed

#### Physician's information / possible symptoms

No further relevant information available.

### 4.3. Indication of any immediate medical attention and special treatment needed Treatment (Advice to doctor)

Treat symptoms.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### **Suitable extinguishing media**

Use fire extinguishing methods suitable to surrounding conditions.

Alcohol-resistant foam

Dry fire-extinguishing substance

Carbon dioxide

Water spray jet

#### **Unsuitable extinguishing media**

Full water jet

### 5.2. Special hazards arising from the substance or mixture

In case of fire formation of dangerous gases possible.

### 5.3. Advice for firefighters

#### **Special protective equipment for fire-fighters**

Use breathing apparatus with independent air supply.

#### **Additional information**

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### **For non-emergency personnel**

Keep people away and stay on the upwind side.

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## 6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.  
Knock down dust with water spray jet.

## 6.3. Methods and material for containment and cleaning up

Take up mechanically and send for disposal.

## 6.4. Reference to other sections

See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

## **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

#### **Advice on safe handling**

Care for suitable extraction / ventilation at processing machines.  
Take the usual precautions when handling with chemicals.

#### **Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking  
Pay attention to general rules of internal fire prevention.  
Avoid sedimentation of dust.

### 7.2. Conditions for safe storage, including any incompatibilities

#### **Requirements for storage rooms and vessels**

Keep in closed original container.  
Ventilate store-rooms thoroughly.

#### **Advice on storage compatibility**

Do not store with oxidizing agents.  
Do not store with reducing agents.  
Do not store together with food.

#### **Further information on storage conditions**

Store container at cool and aired place.

#### **Storage class 11**

### 7.3. Specific end use(s)

No information available.

## **SECTION 8: Exposure controls/personal protection**

### 8.1. Control parameters

No information available.

### 8.2. Exposure controls

#### **Respiratory protection**

Not required

#### **Hand protection**

Protective gloves

#### **Eye protection**

Not required

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## Other protection measures

Not required

## General protective measures

Avoid skin-contact with melt.  
Do not inhale dust/fumes/aerosols.

## Hygiene measures

At work do not eat, drink and smoke.  
Keep away from food and drink.  
Wash hands and skin before breaks and after work.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Aggregate state:	solid
Odour:	characteristic
Odour threshold:	not determined
Colour:	different, according to product specification
pH value:	not applicable
Boiling temperature/boiling range:	not applicable
Melting point:	> 120 °C
Flash point:	> 250 °C
Flammable (solid):	not determined
Flammable (gas):	not applicable
Ignition temperature:	not determined
Self-Ignition temperature:	Product is not self-igniting
Lower explosion limit:	not determined
Upper explosion limit:	not determined
Vapour pressure:	not determined
Relative density:	0,9 – 1,5 g/cm³
Bulk density:	0,45 – 0,8 kg/dm³
Vapour density:	not determined
Solubility in water:	insoluble
Solubility / other:	not determined
Partition coefficient n-octanol / water (log P O/W):	not determined
Viscosity:	not applicable

## Oxidizing properties

No information available.

## Explosive properties:

No information available.

### 9.2. Other information

No information available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No further relevant information available.

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#### 10.2. Chemical stability

No hazardous reactions known.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known.

#### 10.4. Conditions to avoid

No hazardous reactions known.

#### 10.5. Incompatible materials

##### **Substances to avoid**

Reactions with strong oxidizing agents.

Reactions with strong reducing agents.

#### 10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### **Acute toxicity/Irritation/Sensitization**

###### **LD50 acute oral**

Based on available data, the classification criteria are not met.

###### **LD50 acute dermal**

Based on available data, the classification criteria are not met.

###### **LC50 acute inhalation**

Based on available data, the classification criteria are not met.

###### **Skin irritation**

Based on available data, the classification criteria are not met.

###### **Eye irritation**

Based on available data, the classification criteria are not met.

###### **Skin sensitization**

Based on available data, the classification criteria are not met.

###### **Sensitization respiratory system**

Based on available data, the classification criteria are not met.

###### **Subacute toxicity – Carcinogenicity**

###### **Mutagenicity**

Based on available data, the classification criteria are not met.

###### **Reproduction-toxicity**

Based on available data, the classification criteria are not met.

###### **Carcinogenicity**

Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

#### 12.1. Toxicity

##### **Ecotoxicological effects**

###### **Fish**

The product has not been tested. Because of the product's consistency and lack of solubility in water bioavailability

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is not likely.

**Daphnia**

The product has not been tested. Because of the product's consistency and lack of solubility in water bioavailability is not likely.

**Algae**

The product has not been tested. Because of the product's consistency and lack of solubility in water bioavailability is not likely.

**Bacteria**

The product has not been tested. Because of the product's consistency and lack of solubility in water bioavailability is not likely.

**12.2. Persistence and degradability**

**Physico-chemical degradability**

The product is slightly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation.

**Biological degradability**

The product is slightly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation.

**Degradability**

The product is slightly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation.

**Biological eliminability**

The product is slightly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation.

**Degradability according to WRMG**

The product is slightly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation.

**12.3. Bioaccumulative potential**

The product has not been tested. Because of the product's consistency and low solubility in water bioavailability is not likely.

**12.4. Mobility in soil**

No information available.

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.6. Other adverse effects**

No information available.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Recommendations for the product**

Remove in accordance with local official regulations.

**Recommendations for packaging**

Totally emptied packaging may be taken for recycling.

## SECTION 14: Transport information

### Land and inland navigation transport ADR/RID

No dangerous goods as defined by these transport regulations.

### Marine transport IMDG

No dangerous goods as defined by these transport regulations.

### Air transport ICAO/IATA-DGR

No dangerous goods as defined by these transport regulations.

### Special precautions for user

No information available.

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### National regulations

#### Other regulations, restrictions and prohibition regulations

UVV "Work machines of the chemical industry, rubber and plastic industry" (VBG 22)

**Water hazard class:** not water hazardous

### 15.2. Chemical Safety Assessment

No information available.

## SECTION 16: Other information

### Further Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

### Relevant phrases

H361d Suspected of damaging the unborn child.

H413 May cause long lasting harmful effects to aquatic life.

### Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

### Additional Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)